Quantitation Report (Qedit)

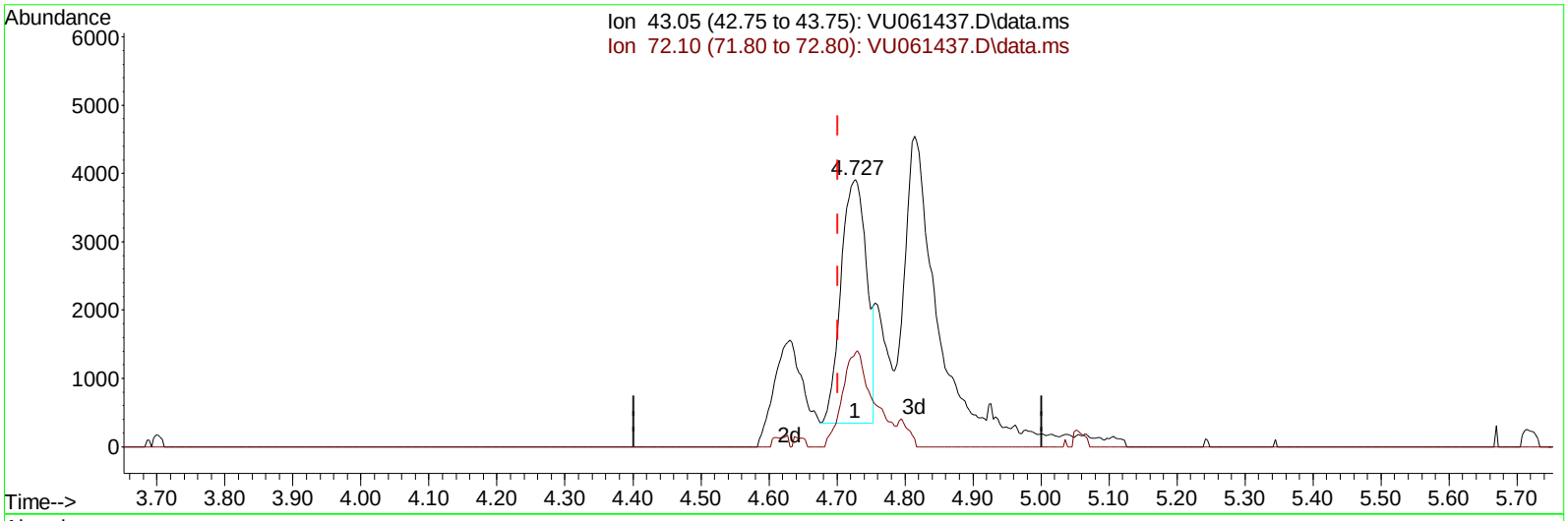
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110424\
Data File : VU061437.D
Acq On : 05 Nov 2024 04:11
Operator : MD/SY
Sample : P4689-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

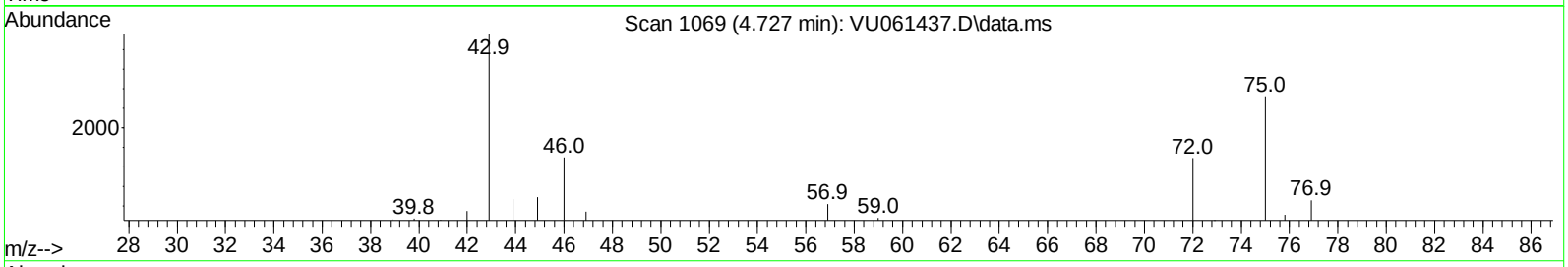
Quant Time: Nov 05 04:55:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 05 04:38:45 2024
Response via : Initial Calibration

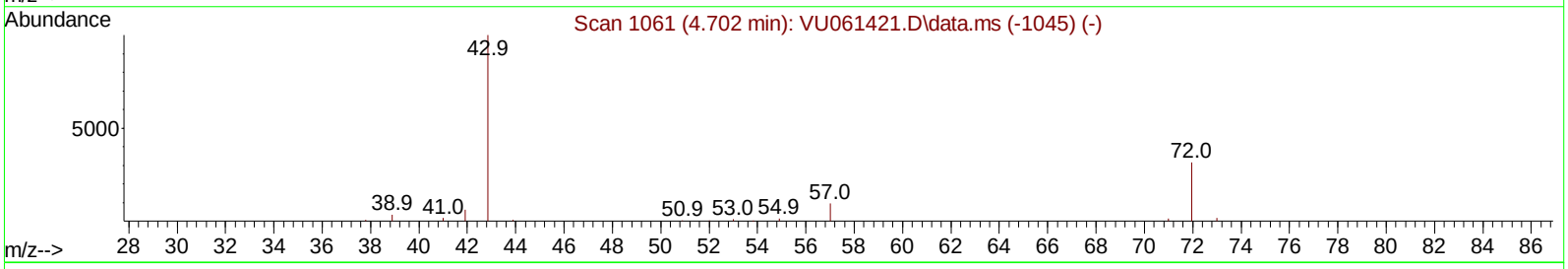
**Instrument :**
MSVOA_U
**ClientSampleId :**
C0CC5

**Manual IntegrationsAPPROVED**

Reviewed By :Romaben Patel 11/05/2024
Supervised By :Mahesh Dadoda 11/06/2024




TIC: VU061437.D\data.ms

**(21) 2-Butanone (T)**

**4.727min (+ 0.026) 4.38 ug/L**

**response 9439**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 31.70 | 47.59# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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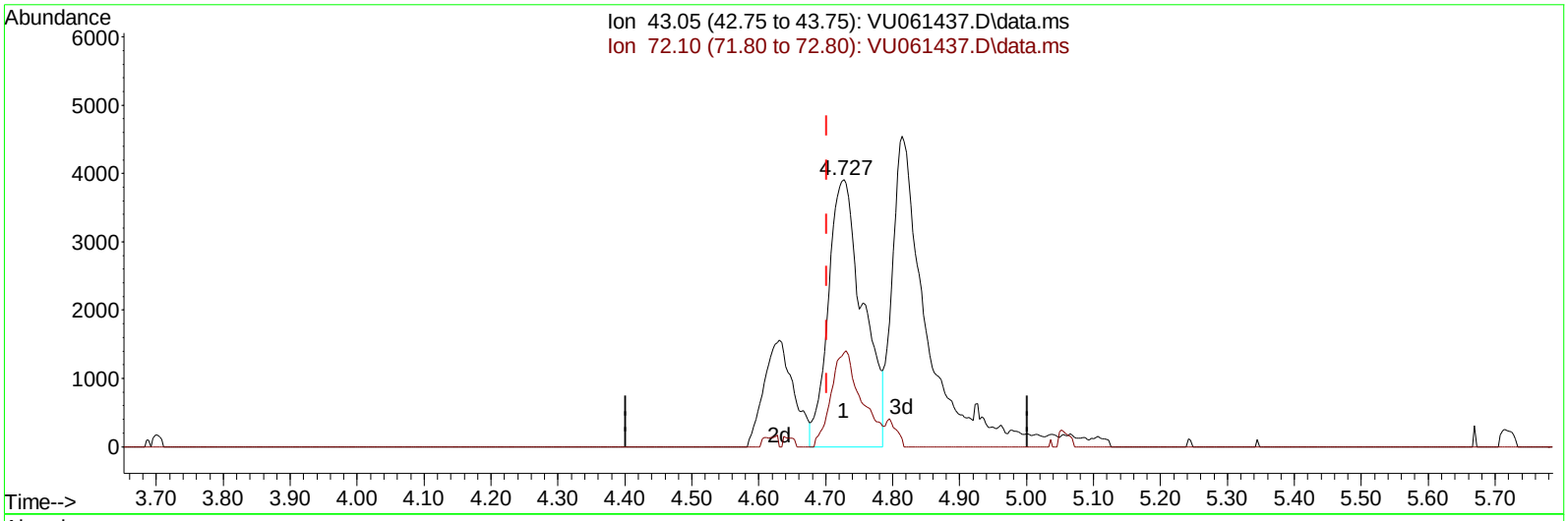


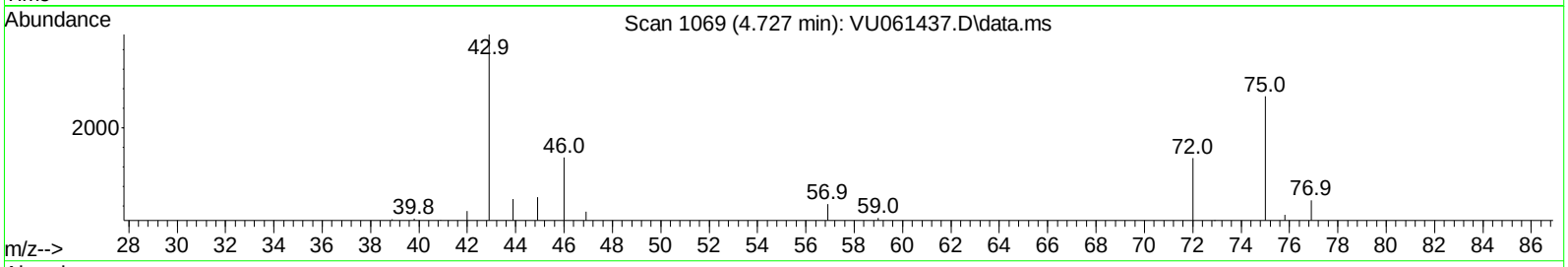


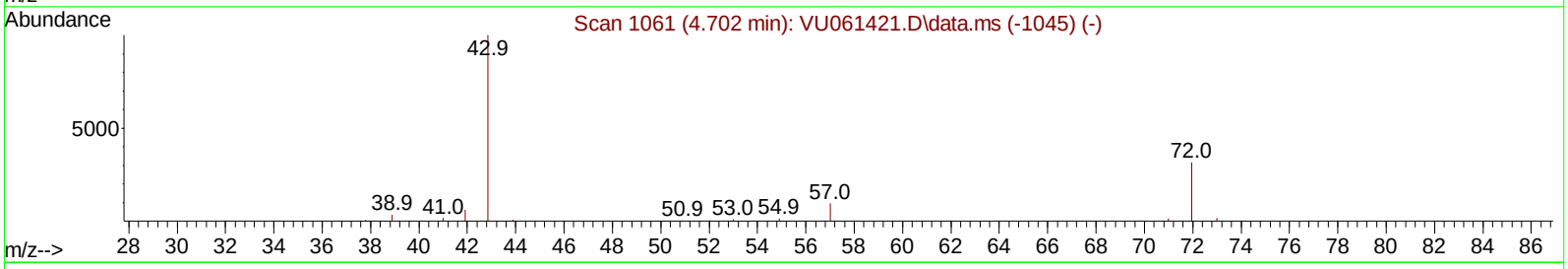


TIC: VU061437.D\data.ms

**(21) 2-Butanone (T)**

**4.727min (+ 0.026) 6.53 ug/L m**

**response 14070**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 31.70 | 31.93 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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QLast Update : Tue Nov 05 04:38:45 2024
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**Instrument :**
MSVOA_U
**ClientSampleId :**
C0CC5

**Manual IntegrationsAPPROVED**

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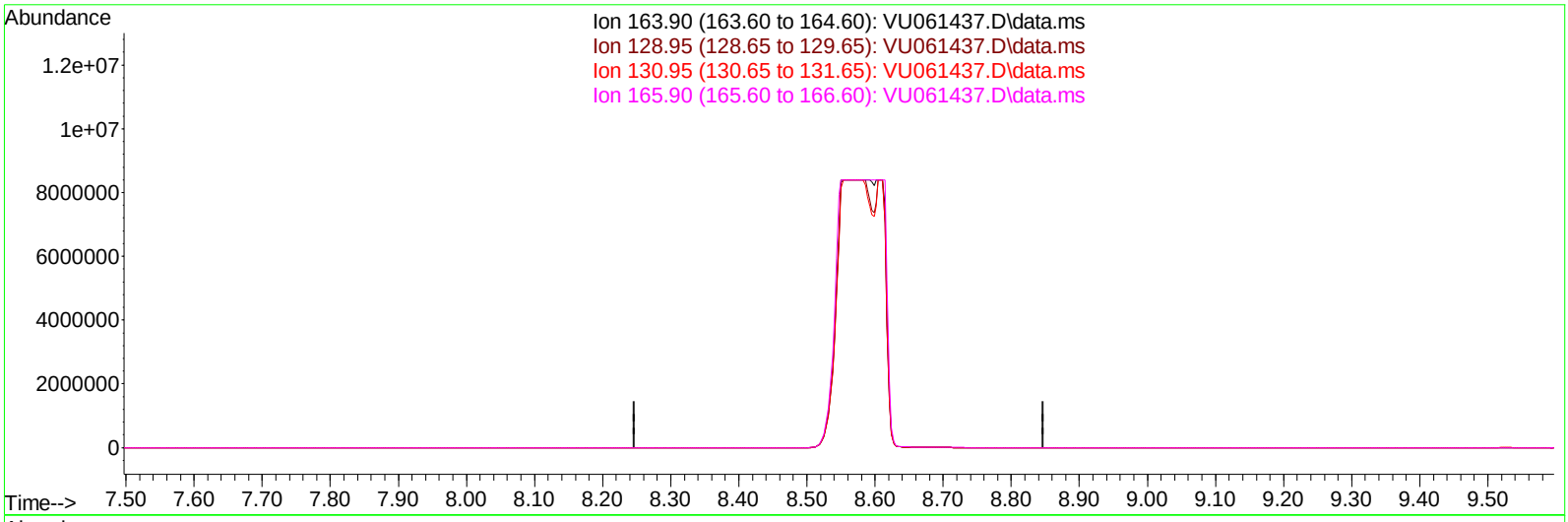


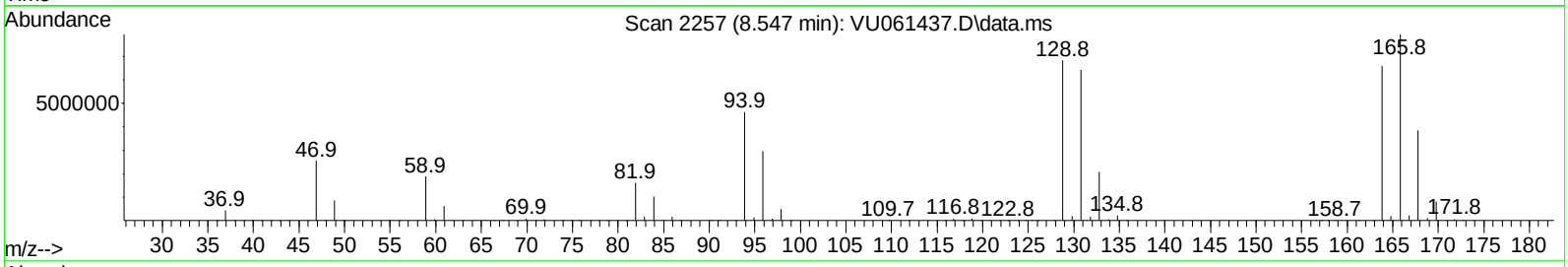


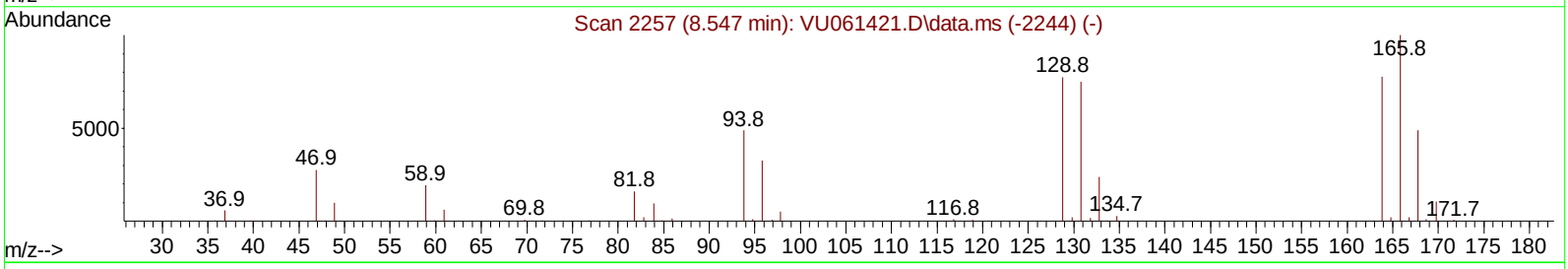


TIC: VU061437.D\data.ms

**(47) Tetrachloroethene (T)**

**8.547min (-8.547) 0.00 ug/L**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 163.90 | 100.00 | 0.00 |
| 128.95 | 99.80 | 0.00# |
| 130.95 | 97.50 | 0.00# |
| 165.90 | 126.90 | 0.00# |

Quantitation Report (Qedit)

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**Instrument :**
MSVOA_U
**ClientSampleId :**
C0CC5

**Manual IntegrationsAPPROVED**

Reviewed By :Romaben Patel 11/05/2024
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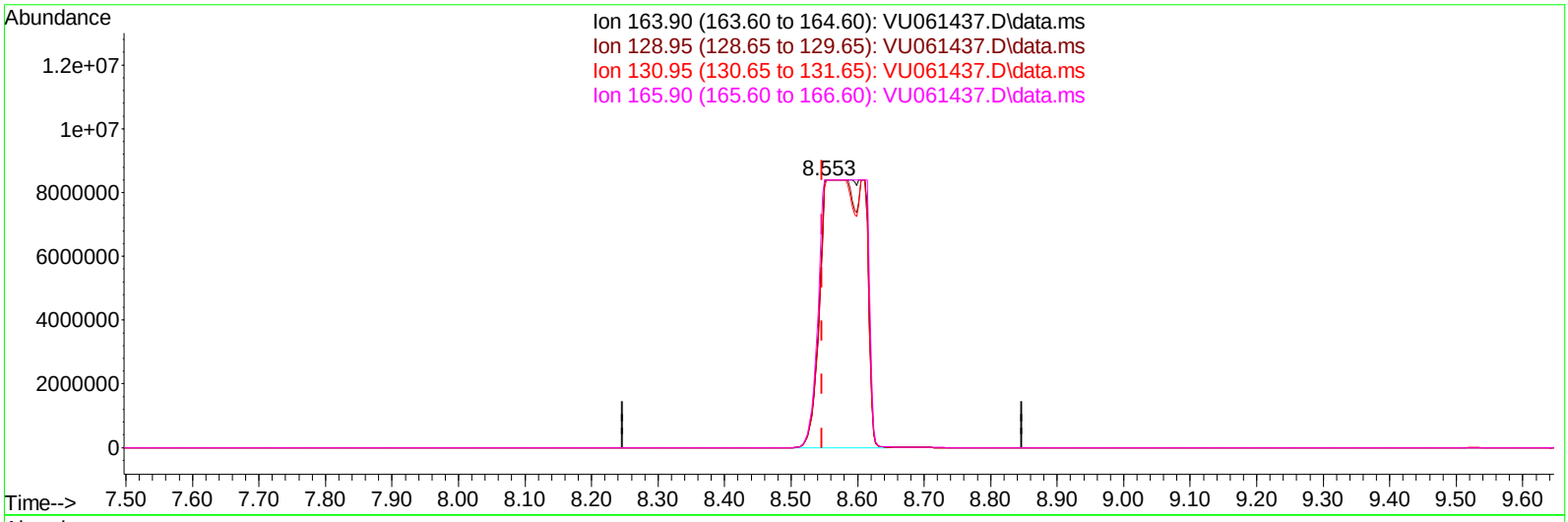


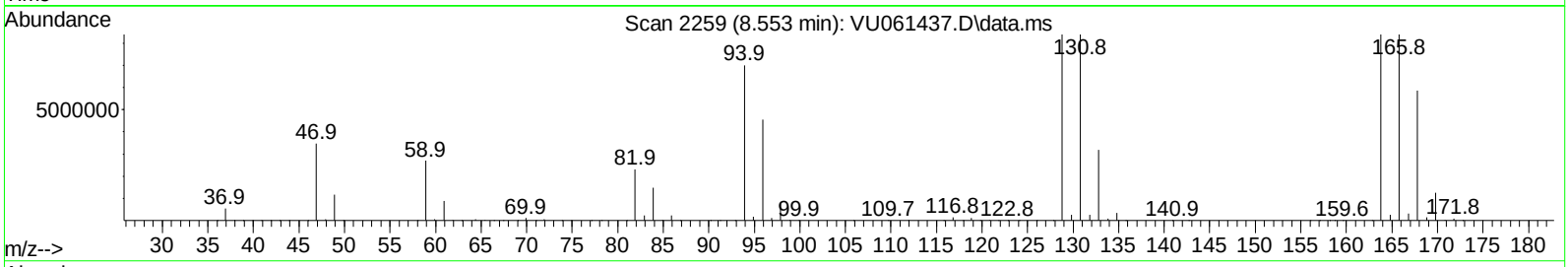


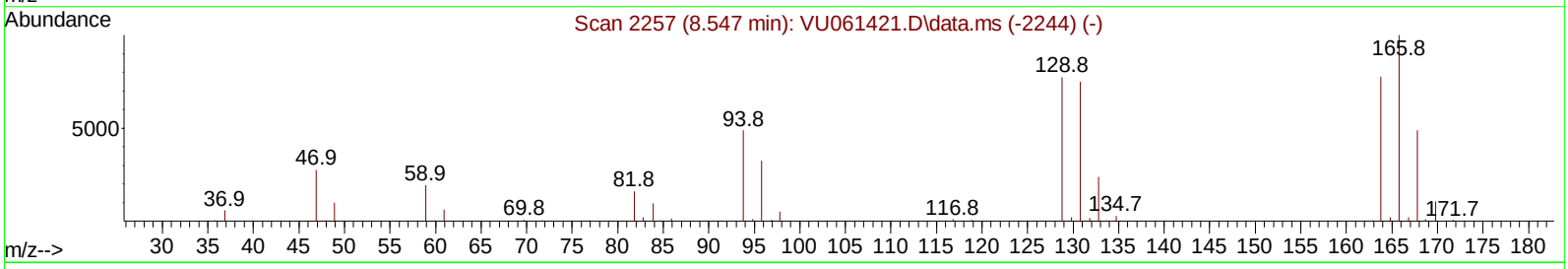


TIC: VU061437.D\data.ms

**(47) Tetrachloroethene (T)**

**8.553min (+ 0.006) 4401.64 ug/L m**

**response 39134541**

| Ion | Exp% | Act% |
|---|---|---|
| 163.90 | 100.00 | 100.00 |
| 128.95 | 99.80 | 100.00 |
| 130.95 | 97.50 | 100.00 |
| 165.90 | 126.90 | 100.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110424\
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**Instrument :**
MSVOA_U
**ClientSampleId :**
C0CC5

**Manual IntegrationsAPPROVED**

Reviewed By :Romaben Patel 11/05/2024
Supervised By :Mahesh Dadoda 11/06/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 155697 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.412 | 117 | 151317 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.804 | 152 | 74582 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.595 | 65 | 28043 | 2.651 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = | 53.000% | | |
| 7) Chloroethane-d5 | 1.911 | 69 | 31144 | 3.212 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = | 64.200%# | | |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 65 | 14544 | 3.214 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = | 64.200% | | |
| 20) 2-Butanone-d5 | 4.628 | 46 | 99783 | 46.468 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = | 92.940% | | |
| 24) Chloroform-d | 5.052 | 84 | 79132 | 3.942 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = | 78.800% | | |
| 26) 1,2-Dichloroethane-d4 | 5.692 | 65 | 41125 | 4.110 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = | 82.200% | | |
| 32) Benzene-d6 | 5.718 | 84 | 156734 | 3.676 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = | 73.600% | | |
| 36) 1,2-Dichloropropane-d6 | 6.682 | 67 | 48607 | 3.792 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = | 75.800% | | |
| 41) Toluene-d8 | 7.891 | 98 | 141501 | 3.549 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = | 71.000% | | |
| 43) trans-1,3-Dichloroprop... | 8.177 | 79 | 16548 | 3.163 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = | 63.200% | | |
| 46) 2-Hexanone-d5 | 8.631 | 63 | 78292 | 36.532 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = | 73.060% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84 | 42601 | 4.395 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = | 87.800% | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.187 | 152 | 53201 | 4.028 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = | 80.600% | | |
| Target Compounds | | | | | | Qvalue |
| 13) Acetone | 2.647 | 43 | 8784 | 6.458 | ug/L | 95 |
| 21) 2-Butanone | 4.727 | 43 | 14070m | 6.526 | ug/L | |
| 25) Chloroform | 5.074 | 83 | 8190 | 0.406 | ug/L | 96 |
| 34) Trichloroethene | 6.534 | 95 | 79755 | 6.265 | ug/L | 99 |
| 47) Tetrachloroethene | 8.553 | 164 | 39134541m | 4401.644 | ug/L | |
| 51) Chlorobenzene | 9.441 | 112 | 6767 | 0.211 | ug/L | 93 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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